



## INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (11-07)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management  
Office of Pollution Prevention and Technical Assistance  
100 North Senate Avenue IGCS W041  
Indianapolis, IN 46204-2251  
Telephone: (800) 988-7901  
FAX: (317) 233-5627  
E-mail: [esp@idem.IN.gov](mailto:esp@idem.IN.gov)  
[www.in.gov/idem/prevention/esp](http://www.in.gov/idem/prevention/esp)

### When to use this annual report form...

**STOP!** Is your facility a member of the U.S. Environmental Protection Agency's National Environmental Performance Track and Indiana Environmental Stewardship Program? If so, please use the U.S. EPA National Environmental Performance Track Annual Performance Report form available at <http://www.epa.gov/performance/track/program/report.htm>. The U.S. EPA will notify IDEM after receiving your annual performance report.

**GO!** Please use this annual report form if you are only a member of the Indiana Environmental Stewardship Program and not a member of the National Environmental Performance Track. Your Annual Performance Report should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, fax, mail, or e-mail the report to IDEM. If you have any questions, please contact the ESP Program Manager at 800-988-7901.

The Indiana Environmental Stewardship Program (ESP) Annual Performance Report should demonstrate progress toward objectives and targets AND certify ESP requirements continue to be achieved. The Annual Performance Report should cover the twelve (12) month calendar year and include the status of projects committed to in your facility's original ESP application, results of completed projects, and assurance that an annual internal environmental management system audit was conducted by your facility. Indiana ESP facilities must submit an Annual Performance Report by April 1<sup>st</sup> of every year, for each calendar year in which the entity has been a member for at least three (3) full months.

Please do not include any confidential business information in your Annual Performance Report. Public access laws require IDEM to make the Annual Performance Report publicly available, which may include posting all portions of your report on the Indiana ESP Web site.

SECTION A		FACILITY INFORMATION	
Name of Facility Manchester Tank & Equipment Company			
Name of Parent Company (If applicable) McWane, Inc.			
Street Address (number and street) 3630 Manchester Drive			
City/State/ZIP Code Elkhart, IN 46514			
Facility/Company Web site www.mantank.com			
CONTACT INFORMATION			
Contact Name (Mr./Mrs./Ms./Dr.) Mr. Stephen Jacobson (Steve)			
Title Environmental Manager			
Telephone number 574-970-8240			
FAX number 574-293-6148			
E-mail address sjacobson@mantank.com			
Mailing Address (if different from facility address)			
City/State/ZIP Code			
Reporting Period Dates			
If this is your third Annual Performance Report, do you wish to renew your Indiana Environmental Stewardship Program membership? <input type="checkbox"/> Yes---If yes, please complete all sections of this annual report. <input type="checkbox"/> No---If no, you can skip Section D of this annual report.			
CHANGE IN INFORMATION			
In your ESP application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any changes or additions to your facility's list of products or activities? If so, please list them in the space below. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

SECTION B ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT					
Why do we need this information? IDEM needs information on the performance and assessment activities of your Environmental Management System (EMS).	What do you need to do? Please summarize your facility's EMS assessments. Attach additional sheets as necessary.				
<p>1. Is your facility currently registered to a recognized third-party EMS standard?</p> <p><input type="checkbox"/> Yes</p> <p>a. If yes, when was an EMS audit or other assessment last conducted by an independent third party at your facility? Please provide the <i>type</i> (e.g., ISO 14001 certification), <i>scope</i>, and <i>month</i> of the last assessment.</p> <p><input checked="" type="checkbox"/> No</p> <p>b. If no, when was an internal or corporate EMS audit last conducted at your facility? Please provide the <i>scope</i> and <i>month</i> of the last assessment.</p>	<p>Year: _____</p> <p>Type: _____</p> <p>Scope: _____</p> <p>Month: _____</p> <p>Year: 2009</p> <p>Scope: Waste Management, Environmental Training, Management of Change, Reporting of Significant Matters, Aspects &amp; Impacts, Goals &amp; Objectives, Management Review, Corrective &amp; Preventive Actions, Document Control, Internal EMS Audits</p> <p>Month: March/April</p>				
<p>2. When did your facility last conduct an internal or corporate compliance audit? Please provide the <i>scope</i> and <i>month(s)</i> of each audit, and indicate <i>who</i> conducted the audit(s) (e.g., facility staff, corporate groups, third party). Do not include audits, inspections, or site visits by regulatory organizations.</p>	<p>Year: 2009</p> <p>Scope: Air, Waste, Storm Water, SPCC, EPCRA</p> <p>Month(s): March/April</p> <p>Who: Two Environmental Managers from "sister" facilities owned by our parent company, McWane, and McWane's Environmental Engineer using Dakota Auditor software.</p>				
<p>3. (Optional) Please describe any other audits that were conducted at your facility.</p>	<p>Previous EMS Evaluation in July, 2008 also performed by parent company.</p>				
<p>4. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?</p> <p><input checked="" type="checkbox"/> Yes</p> <p>a. If yes, briefly summarize corrective actions taken and other improvements made as a result of your EMS assessment(s) or compliance audit(s).</p> <p><input type="checkbox"/> No</p> <p>b. If no, please explain your plans to correct these instances.</p> <p><input type="checkbox"/> No such instances identified.</p>	<p>Significant changes to this facility's SPCC plan to encompass regulatory changes in 2008 and significant changes regarding the amount of support data for EPCRA reporting as a result of 2008 compliance audit. Continued improvement in Internal Auditing process, Goal &amp; Objective documentation and EMS training as a result of 2008 EMS evaluation.</p>				
<p>5. Explain the emergencies experienced within the facility during the past year. Were the applicable emergency and contingency plans detailed in the EMS effective? What changes, if any, have been made to your facility's emergency or contingency plans?</p>	<p>None</p>				
<p>6. When was the last Senior Management review of your EMS completed?</p>	<p>Month/Year: October, 2008</p> <p>Who headed the review? Name and Title: Jill Drajer, General Manager</p>				
<p>7. When did your facility last conduct a systematic identification or review of your environmental aspects?</p>	<p>Month/Year: November, 2008</p>				
<p>10. (Optional) Please provide a narrative summary of progress made toward EMS objectives and targets <u>other than those reported as an Environmental Performance Initiative in the following section</u>. You may limit the summary to environmental aspects that are <i>significant</i> and towards which <i>progress</i> has been made during the last calendar year. Attach additional sheets as necessary.</p>	<table border="1"> <thead> <tr> <th>Environmental Aspect</th> <th>Progress Made This Year (e.g., quantitative or qualitative improvements, activities conducted)</th> </tr> </thead> <tbody> <tr> <td>All Production - Water Usage (MTE-AID-001)</td> <td>Decrease in water consumption by 1.58 million gallons of water in 2008 (vs 2007). Normalized by unit production, this represents a 22.3% decrease in our second year of addressing this aspect.</td> </tr> </tbody> </table>	Environmental Aspect	Progress Made This Year (e.g., quantitative or qualitative improvements, activities conducted)	All Production - Water Usage (MTE-AID-001)	Decrease in water consumption by 1.58 million gallons of water in 2008 (vs 2007). Normalized by unit production, this represents a 22.3% decrease in our second year of addressing this aspect.
Environmental Aspect	Progress Made This Year (e.g., quantitative or qualitative improvements, activities conducted)				
All Production - Water Usage (MTE-AID-001)	Decrease in water consumption by 1.58 million gallons of water in 2008 (vs 2007). Normalized by unit production, this represents a 22.3% decrease in our second year of addressing this aspect.				

	Use of lubricant in forming aluminum parts - wastewater (MTE-AID-002)	Large-scale trial of dry, food-grade polyethylene draw lubricant for aluminum blanks conducted in 2008. This process will eventually eliminate the use of 9,000 gallons of mineral oil annually.

**SECTION C****ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS****Why do we need this information?**

Facilities need to share the results of the environmental improvement initiative that was pursued during the reporting period.

**What do you need to do?**

Use the following table to summarize your facility's environmental performance as compared to your ESP environmental improvement initiative.

Category: **Waste**

Aspect: **Non-hazardous waste generation**

Specific Information on Aspect (optional): **Increase the percentage of waste that is recycled to 90% of our total waste.**

	Baseline	Progress during year 2008	Environmental Improvement Initiative Goal	Cost Savings (if applicable)
Actual Quantity (per year)	4,584,445	3,701,780	4,778,829	N/A (not tracked specifically)
Measurement Unit	Pounds Recycled	Pounds Recycled	Pounds Recycled	
Normalized Quantity (per year)	86.3%	88.7%	Theoretical 90%	
Basis for your Normalizing Factor (e.g., gallons of paint produced)	Absolute % of total waste generated	Absolute % of total waste generated	Absolute % of total waste generated	

Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Department supervisors were given the opportunity to identify possible recycle / reuse items during the baseline year. The most promising candidates included welding flux, packaging, powder paint, wood, #1 & #2 plastics, and shrink wrap. The reuse and recycling of these items was fully implemented during 2008. Waste sent to the landfill decreased from 351,745 pounds to 149,330 pounds since the baseline year (normalized decrease of 16.6%). Although significant progress was made at the facility with this initiative in 2008, we did not quite reach our goal of 90%. Production volumes were high during the first half of the year and we were at or above the 90% threshold through August. Then, production volumes began to decrease during the last two quarters. The increase in facility-wide recycling was not enough to offset the significant reduction in scrap metal generation as the year progressed. Manchester Tank will continue its efforts towards the 90% recycling level in 2009. The concept of upcycling was introduced to all employees in 2009 and the facility is going to focus on packaging audits and interdepartmental re-use this year. Suppliers have been very helpful thus far with improving the "recyclability" of their packaging and/or removal of un-needed items.

Please list any state, EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).

None (will exclude from P4P2 reporting)

(Optional) If your facility has experienced continued results for environmental improvement initiatives pursued in past years of ESP membership, please share those results here.

N/A

**SECTION D****ENVIRONMENTAL IMPROVEMENT INITIATIVES****Why do we need this information?**

Facilities need to demonstrate their commitment to improving environmental performance.

**What do you need to do?**

Refer to the Environmental Performance Table.

For ESP membership, you must identify three (3) environmental improvement initiatives for each 3-year membership term. One (1) initiative was identified in the application and the remaining will be identified each year in the annual report. Identify the new initiative that will begin this year by answering the following questions. Choose an indicator from the Environmental Performance Indicator Table to measure the identified environmental initiative. The Environmental Performance Indicator Table is provided with the ESP Application and is also available at <http://www.in.gov/idem/prevention/esp/table.doc>. The indicator you select for your initiative should be related to the objectives and targets in your EMS. Where possible, indicators should also be identified as having a significant environmental impact in your EMS. No more than two of your indicators can be from the same environmental category during the 3-year term. If you are not sure how your objectives and targets fit into the indicators from the Environmental Performance Indicator Table or whether your indicators are significant, call IDEM at 800-988-7901.

Please complete the following questions according to the environmental indicator you selected from the Environmental Performance Indicator Table. Additional information is required for air, hazardous waste, solid waste, and energy indicators as requested in Appendix 1.

1a What category have you selected from the Environmental Performance Table? (If the category is Energy Use, Waste, or Air Emissions for Total GHGs, please turn to Appendix 1 to complete additional questions pertaining to the category you have selected.) **Water Use**

1b What indicator have you selected from the Environmental Performance Table? **Total water used (gallons)**

1c All measurements should represent the performance level for the indicator across the entire facility. For many indicators, you may choose to focus your initiative on a specific subset of the indicator (e.g., a specific material, process, VOC, group of toxic air emissions, or particular waste component). Does your initiative include everything covered by the indicator (e.g., all VOCs, all non-hazardous waste), or a specific process, substance, or component (e.g., ethane, cardboard)?

- ☒ All  
☐ Specific

If your initiative is specific to a substance or component, please provide additional detail on your indicator (e.g., specific chemical to be reduced, specific waste component).

1d What activities or process changes do you plan to undertake at your facility to accomplish your initiative (e.g., technology changes in a particular process line, employee training)? A daily "water balance" has been fully implemented at this facility since 2007. This information has given us a baseline daily consumption for each of the four parts washers at the plant. Initially the data helped identify where controls were needed and has evolved to the point where a leaky toilet is immediately obvious (and quickly corrected). As 2009 progresses, we are working with Americo Chemical (chemical supplier) to slowly adjust the parameters on each washer (temperature, consumption, chemical concentration) to maintain part cleanliness and continue to improve this aspect of our facility's operations. The collection of suspended solids and fats/oils/grease from the tops of contaminated stages has also been modified this year. Employee training will continue in 2009 with washer employees and supervisors attending a "Parts Washer 101" course taught by Americo staff. Manchester Tank will continue reviewing the actual savings (chemical, water, natural gas) from the water-reduction efforts on a bi-monthly basis and communicate these results to the employees.

2a Does this initiative address a significant aspect in your EMS?

- ☒ Yes  
☐ No

2b If no, please explain why you believe this indicator should be included as an environmental improvement initiative.

*Stop! If the category listed in Question 1a is Energy Use, Waste, or Air Emissions for Total GHGs, please skip Questions 3a – 3b below and turn to Appendix 1 to complete the questions pertaining to the category you listed. After completing Appendix 1, return to question 4 and complete the remaining questions regarding your facility's environmental improvement initiative.*

3a What units are you using to quantify this indicator? Gallons

(Please refer to the Environmental Performance Indicator Table for the acceptable units for each indicator.)

3b List the baseline annual quantity of the indicator and the annual quantity you are committing to achieve by the future year.

Baseline quantity	3,149,291	Year 2008
Future year quantity (not including production)	1,667,237	Year 2009

4 Does the quantity presented in the future quantity column represent an absolute goal or a normalized goal?

- ☒ Normalized goal (i.e., indexed to level of business in baseline year)  
☐ Absolute goal (i.e., demonstrates improvement even if production increases)

5 Whether your goal is absolute or normalized, you will need to provide normalizing factors and normalized quantities in your annual performance reports.

Please briefly describe your basis for normalizing. Examples of potential normalizing basis include: gallons of paint produced, square feet of circuit boards sold, number of patients seen, dollars of sales adjusted for inflation, or number of employees (for R&D and administrative sites only).

Represents 5% usage reduction normalized by units produced

5a Are you subject to Federal, State, tribal, or local regulatory requirements for this indicator?

- ☐ Yes  
☒ No

5b If yes, explain how your initiative exceeds regulatory requirements.

## SECTION E

## PUBLIC OUTREACH AND PERFORMANCE REPORTING

Why do we need this information?

IDEM needs to know how environmental information was shared with the public.

What do you need to do?

Describe how the facility has shared and plans to share environmental information.

Please briefly describe the activities that your facility conducted during this reporting period to interact with the community on environmental issues and to report publicly on its environmental performance. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

Junior Achievement of Michiana, 5-session unit on "Resources"

Indiana Partners for Pollution Prevention: June meeting at American Commercial Lines, December meeting at Subaru (expanded role with P4P2 in 2009 by participating on the executive committee)

Greater Elkhart Chamber Environmental Council (monthly meeting attendee in 2008, Co-Chair in 2009)

Greater Elkhart Chamber Education Council "Career Day" speaker (total of five, two-hour speaking

opportunities with Elkhart area eighth-graders describing life as an Environmental Manager and the associated career opportunities)  
Completed the Facility Environmental Management Practices: Benchmarking Study (Harvard School of Business, Tuck School of Business at Dartmouth, Darden School of Business at the University of Virginia.

Please indicate which of the following methods your facility plans to use to make its ESP Annual Performance Report available to the public. Please check as many as appropriate.

☒ Website (<http://www.mantank.com>, <http://www.mcwaneinfo.com>)

☐ Open House

☒ Meetings

☐ Press Releases

☐ Community Advisory Panel

☒ Other Elkhart Chamber of Commerce E-Newsletter

#### SECTION F

#### ADDITIONAL INFORMATION

##### Why do we need this information?

This information will help IDEM to effectively manage the Environmental Stewardship Program.

##### What do you need to do?

Answer the questions as completely as possible.

1. In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve months (include information about each particular program).  
N/A
2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.  
Manchester Tank - Elkhart has taken advantage of the advance notification incentive and is in the process of revising its air permit to improve flexibility with monitoring requirements.
3. If your facility was not registered to the ISO 14001 standard prior to becoming an ESP member, has ESP helped you to pursue registration? If so, how has ESP been instrumental in achieving registration?  
ESP has not helped us to pursue registration at this time. In 2008, Manchester Tank's other six manufacturing plants began the implementation of their EMS. It is a possible future goal to obtain ISO 14,001 registration for the entire organization.
4. Explain the measured or perceived results from receiving, documenting, and responding to external communication.  
The perceived results within the Elkhart community are very positive. Manchester Tank is now considered a "leader" within the community on environmental issues. This could also be measured as the facility's environmental manager has been asked to participate on the Executive Committee of the Indiana Partners for Pollution Prevention; has become a co-chair of the Elkhart Chamber's Environmental Council; a has been asked to participate with the Elkhart County Stormwater Partnership Group on behalf of "industry" as we develop best management practices for the community.
5. How have community residents and businesses reacted to your facility participating in the Indiana Environmental Stewardship Program?  
ESP membership and VPP membership helped us retain a local RV customer who was considering using an off-shore supplier of propane cylinders. Although ESP is not yet a stand alone competitive advantage, it provides validity to our efforts in a sea of "green washing." The ESP press release led to an interview with the Elkhart Truth which appeared on the front page of their business section in April. The newspaper article was read by a number of employees and helped cement Manchester Tank's commitment to environmental performance to the entire facility. In addition to improving internal awareness, the newspaper article also generated a "thank-you" card from a reader who was impressed enough to jot down a note and send it to the facility.
6. According to the measurement program developed and implemented by your facility to measure Environmental Management System success, is your facility's EMS successful? Why or why not? If not, what changes will be made to ensure continual environmental improvement and future EMS success?  
Manchseter Tank's corporate parent performed an EMS Evaluation on July 22nd & 23rd, 2008.



The scope of this evaluation included the following elements: Environmental Training, Management of Change, Aspects & Impacts, Goals & Objectives, Management Review, Corrective and Preventive Action, Document Control, Internal EMS Audit. The system by which our EMS was evaluated allows for OK, Opportunity for Improvement (OP), Minor Non-conformance, Major Non-conformance. During the 2008 EMS evaluation, Manchester Tank - Elkhart received 49 "OK" and 7 "OP" (1 OP - Training; 2 OP Aspects & Impacts; 4 OP - Goals & Objectives). In addition to the facility's annual EMS Evaluation by our parent company, we are continuously auditing internally. The 2008 internal auditors performed 32 audits of the facility's environmental work instructions. The internal audit process has resulted in 56 OP and NC since July of 2007. The "best" part of our EMS is the internal audit process. This process allows the auditors (volunteers from all levels of the plant) to learn, help improve the EMS and become knowledgeable advocates in their own departments. Even the Aspects and Impacts review has become a tool for other departments to elevate an aspect to the level of "significant" in hopes that it will be included in the "environmental" goals for the year! Although still in its infancy, Manchester Tank's EMS has been very successful on a variety of levels both within and outside of our plant.

#### CERTIFICATION AND PLEDGE

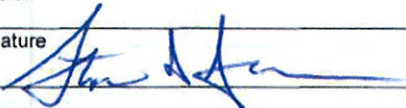
On behalf of **Manchester Tank & Equipment Company, Elkhart Division** (name of facility),

I certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and local environmental requirements, or has a corrective action program in place to attain compliance.

We, **Manchester Tank - Elkhart**, commit to maintaining the principles and goals outlined in our Environmental Management System for our facility's Indiana Environmental Stewardship Program status. We agree to strive for full compliance with all regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship Program and to share our success stories with other facilities. We understand that the Annual Performance Report must be submitted to IDEM by April 1<sup>st</sup> of each year and that we must reapply to the Indiana Environmental Stewardship Program every three years.

I understand that the information provided in this Annual Performance Report will be public record. I am the senior facility manager or authorized facility signatory, and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is submitting this Annual Performance Report.

Signature



Title

**Environmental Manager**

Date (month, day, year)

**April 14th, 2009**

Please mail, fax, or e-mail your completed Environmental Stewardship Program Annual Performance Report to:

IDEM-OPPTA  
ESP Program Manager  
MC 64-00 IGCS W041  
100 North Senate Avenue  
Indianapolis, IN 46204-2251

FAX: 317-233-5627  
E-mail: [esp@idem.IN.gov](mailto:esp@idem.IN.gov)

Additional questions for environmental improvement initiatives for the following categories/indicators:

### Energy Use - Non-Transportation

In the table below, please enter the amount of energy that you currently use and that you intend to use in your future reporting year. Break the energy use down by fuel type. Please note that you need only complete those lines that are relevant to your facility. If all of your energy is purchased from a local electricity generator, you may only need to complete the first line. If the facility uses natural gas, please be sure to complete the appropriate line (natural gas is typically combusted on site so it is listed in the "onsite" section).

Please note that this table categorizes sources of energy according to where the energy is generated.

3a Is the goal of your energy use commitment to:

- ☐ Reduce total energy use  
☐ Invest in renewable energy sources  
☐ Combination of both strategies

3b How much energy of each type does your facility use?

		Baseline Year 20	Future Year 20	Units
Energy Generated Off-Site	Electricity			
	Steam			
	<b>Total Energy Generated Off-Site</b>			
Sources of Energy Generated On-Site	Coal			
	Natural Gas			
	Crude Oil			
	Fuel Oil			
	Diesel			
	Propane / LPG			
	Gasoline			
	Hydrogen Powered Fuel Cells			
	Natural Gas / Methane Powered Fuel Cells			
	Biomass			
	Solar			
	Wind			
	Landfill Gas			
	Geothermal			
	Hydroelectric			
	Tire Derived Fuel			
	Other Fuel or Source Specify: _____			
	<b>Total Energy Generated On-Site</b>			
<b>Total Renewable Energy Use</b>				
<b>Total Non-Renewable Energy Use</b>				
<b>Total Energy Use</b>				
<b>Metric Tons of CO2 Equivalents</b>				
<b>Metric Tons of CO2 Equivalents</b>				
<b>Offset Through Purchases of Electricity from Renewable Off-Site Sources</b>				
<b>Net Metric Tons of CO2 Equivalents</b>				



**Waste - Non-Hazardous Waste Generation**

In the table below, please enter your facility's amount of non-hazardous waste, broken down by waste management method. Please enter both the amounts you manage currently and that you intend to manage in your future reporting year. "Waste" is defined as all materials sent off-site that are neither product nor product packaging.

3a Is the goal of your non-hazardous waste commitment to:

- ☐ Reduce non-hazardous waste  
☐ Improve waste management methods  
☐ Combination of both strategies

3b How much of your waste is handled using each management method?

Method of Waste Managed	Baseline Year 20____	Future Year 20____	Units
Landfill			
Incineration			
Reused/recycled off-site			
Other management - Specify: _____			
<b>Total Non-Hazardous Waste</b>			

**Waste - Hazardous Waste Generation**

In the table below, please enter your facility's amount of hazardous waste, broken down by waste management method. Please enter both the amounts that you manage currently and that you intend to manage in your future reporting year. Include all hazardous waste that is treated on-site or sent off-site.

3a Is the goal of your hazardous waste commitment to:

- ☐ Reduce hazardous waste  
☐ Improve waste management methods  
☐ Combination of both strategies

3b How much of your hazardous waste is handled using each management method?

Method of Waste Managed	Baseline Year 20____	Future Year 20____	Units
Landfill			
Incineration			
Reused/recycled off-site			
Treated on-site			
Other management Specify: _____			
<b>Total Hazardous Waste</b>			

# Air Emissions – Total GHGs

3a Is the goal of your Total GHGs commitment to:

- ☐ Reduce energy use
- ☐ Reduce process-related emissions
- ☐ Combination of both strategies

3b How much greenhouse gas does your facility emit from each source?

Source		Baseline Year 20____	Future Year 20____	Units
Direct Emissions	Stationary Combustion			
	Mobile Sources			
	Refrigeration/AC Equipment Use			
	Process/Fugitive Specify Source: _____			
	Process/Fugitive Specify Source: _____			
	Process/Fugitive Specify Source: _____			
	<b>Total Direct Emissions Process/Fugitive</b>			
Indirect Emissions	Purchased Electricity			
	Purchased Steam			
	Purchased Hot Water			
	<b>Total Indirect Emissions</b>			
Optional Indirect Emissions	Other Specify Source: _____			
	Other Specify Source: _____			
	Other Specify Source: _____			
	<b>Total Optional Indirect Emissions</b>			
Offsets	Offsets Specify Source: _____			
	Offsets Specify Source: _____			
	Offsets Specify Source: _____			
	<b>Total Reductions from Offsets</b>			
	<b>Total Emissions Less Offsets</b>			
Supplemental Information	Total CFC			
	Total HCFC			
	Total Stationary Combustion – Biomass CO2			
	Total Mobile Sources – Biomass CO2			
	Electricity trading transactions- Electricity Purchase for Resale			